

R44

Page 1 of 1

SERVICE LETTER SL-26

DATE: 24 November 2003

TO: All R44 Owners, Operators, and Service Centers

SUBJECT: Low RPM Warning Horn

ROTORCRAFT AFFECTED: All 28-volt R44 Helicopters and R44 II Helicopters S/N 10002 thru 10209 except 10033, 10092, 10173, 10180, 10182, 10189, 10204, and 10207.

BACKGROUND: RHC has found some 28-volt low RPM warning horns with low internal resistance. These horns may malfunction after a limited time in service.

---

COMPLIANCE PROCEDURE:

During next 100-hour inspection, determine low RPM warning horn resistance as follows:

1. Remove low RPM warning lamp.
2. With master battery switch off and collective full down, measure electrical resistance in lamp socket between threads and center contact.
3. Resistance should measure between 66 and 100 ohms (resistance above 100 ohms is likely due to a poor contact). If resistance is less than 66 ohms, replace B320-3 horn. Refer to R44 Illustrated Parts Catalog Figure 8-15 for horn access.

NOTE: If replacing B320-3 horn, ensure A479-1 plate slips over horn without force. Open hole in plate using sandpaper if required for slip fit over horn. Also ensure A479-2 ring is centered on horn.

4. Reinstall low RPM warning lamp and functional test low RPM warning system.